



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

September 28, 2005

OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
1940 DUKE STREET
ALEXANDRIA, VA 22314
US

Dear Sir/Madam,

Your refund request for 10506620 in the amount of \$86.00 has been denied .

There are two independent claims present in this application.

Sincerely,

Rita White
RITA WHITE

PCT - National

703 308-9140 x231

DIVISION

305 JUN -8 AM 9:30

May 31, 2005



ATTORNEYS AT LAW

KATHLEEN A. MORSBERGER
CONTROLLER
(703) 412-6494
KMORSBERGER@OBLON.COM

UNITED STATES PATENT AND TRADEMARK OFFICE
Box 16
Washington, DC 20231

Attn: Frank Lebron
Refund Department

Re: Deposit Account #150030

Dear Mr. Lebron:

Enclosed is a copy of a portion of our deposit account statement of April, 2005. See the highlighted charge on serial number 10/506,620 in the amount of \$86.00 on fee code #1614.

When this application was filed on September 14, 2004, the application contained a total of six independent claims which were paid for at the time the application was filed. Therefore, there should not be any additional claim fees on our account for this application.

Please review this application and kindly refund \$86.00 to deposit account #150030. Copies of the appropriate paperwork are attached. If you have any questions, please contact Debbie Noel at (703) 412-6296. Thank you for your assistance in this matter.

Sincerely,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Debra J. Noel
Accounting Department

Enclosures



**United States
Patent and
Trademark Office**

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Deposit Account Statement

Requested Statement Month: April 2005
 Deposit Account Number: 150030
 Name: NORMAN F. OBLON
 Attention:
 Address: 1940 DUKE STREET
 City: ALEXANDRIA
 State: VA
 Zip: 22314
 Country: UNITED STATES OF AMERICA

DATE	SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT	BAL
04/01	1	10506620	258963US2PCT	1614	\$86.00	\$13,422.
04/01	4	10481447	246240USOPCT	1806	\$180.00	\$13,242.
04/01	15	10204005	225467US6PCT	1201	\$200.00	\$13,042.
04/01	18	10365440	234014US2	1201	-\$200.00	\$13,242.
04/01	19	10991503	260593US2	1202	-\$18.00	\$13,260.
04/01	20	10976840	261206US0RD CONT	1201	-\$88.00	\$13,348.
04/01	21	10089162	220986US0XPC	1202	-\$90.00	\$13,438.
04/01	23	PAYMENT		0203	-\$20,000.00	\$33,438.
04/01	105	09556829	10582-0002-2	1460	\$130.00	\$33,308.
04/01	106	09556829	10582-0002-2	2401	-\$160.00	\$33,468.
04/01	139	0132630652	265758CA (FF. DEPT)	8014	\$25.00	\$33,443.
04/01	140	0157880821	265758CA (FF. DEPT)	8014	\$25.00	\$33,418.
04/04	2	10114056	221058US0	1806	\$180.00	\$33,238.
04/04	2	10680210	243807US2	1251	\$120.00	\$33,118.
04/04	9	08696891	204945US6PCT	1253	\$1,020.00	\$32,098.
04/04	23	10959297	260077US0CONT	1051	\$130.00	\$31,968.
04/04	24	10992120	262156US0CONT	1051	\$130.00	\$31,838.
04/05	1	09926466	214154US3PCT	1202	\$450.00	\$31,388.
04/05	1	09949575	193903US55	1202	\$250.00	\$31,138.
04/05	30	10494357	252359US0PCT	1453	\$1,330.00	\$29,808.
04/05	31	10494357	252359US0PCT	1460	\$130.00	\$29,678.
04/05	71	10991424	262068US6	1051	\$130.00	\$29,548.
04/06	8	5584418	3914-0069	1552	\$2,300.00	\$27,248.
04/06	9	5584418	3914-0069	1558	\$1,640.00	\$25,608.
04/06	37	60641726	264449US	1085	\$250.00	\$25,358.
04/07	19	10845353	253200\$ /KQU	8007	\$40.00	\$25,318.
04/07	27	11033117	264380US3	1202	-\$2,350.00	\$27,668.

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

258963US2PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.
PCT/JP03/03178INTERNATIONAL FILING DATE
17 March 2003PRIORITY DATE CLAIMED
15 March 2002 (earliest)

TITLE OF INVENTION

CHEMICAL REACTOR FOR NITROGEN OXIDE REMOVAL AND METHOD OF REMOVING NITROGEN OXIDE

APPLICANT(S) FOR DO/EO/US

AWANO Masanobu et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No.
23. ☒ Other items or information:

**PCT/IB/304/Notice of Priority/PCT/IB/308
Application Data Sheet/Drawings (8 sheets)
Request for Consideration**

U.S. APPLICATION NO (if known, see 37 CFR	INTERNATIONAL APPLICATION NO. PCT/JP03/03178	ATTORNEY'S DOCKET NUMBER 258963US2PCT
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24. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :

☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00

☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00

☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☒ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	26 - 20 =	6	x \$18.00	\$108.00
Independent claims	6 - 3 =	3	x \$86.00	\$258.00
Multiple Dependent Claims (check if applicable) <input checked="" type="checkbox"/>				\$290.00
TOTAL OF ABOVE CALCULATIONS =				\$1,706.00

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

SUBTOTAL =

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

TOTAL NATIONAL FEE =

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). ☐

TOTAL FEES ENCLOSED =

	Amount to be: refunded	\$
	charged	\$

CALCULATIONS PTO USE ONLY

a. ☐ A check in the amount of _____ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030

d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NUMBER 22850

SIGNATURE

Marvin J. Spivak

NAME

24,913

REGISTRATION NUMBER

DATE


Due Date 09-14-04

OSMM&N File No. 258963US2PCT

By MJS/rkm/FF

Serial No. New U.S. PCT Application based on PCT/JP03/03178

In the matter of the Application of Masanobu AWANO et al.

For CHEMICAL REACTOR FOR NITROGEN OXIDE REMOVAL AND METHOD
OF REMOVING NITROGEN OXIDE

The following has been received in the U.S. Patent Office on the date stamped hereon:

- 82 pgs. Specification 23 Claims (English Translation) pgs. Sequence Listing
- Application Data Sheet
- Notice of Priority
- Dep. Acct. Order Form
- Credit Card Payment Form for \$1,706.00
- Drawings (8 sheets)
- PCT Transmittal Letter
- PCT/IB/304
- PCT/IB/308
- International Search Report
- Request for Consideration of Documents Cited in International Search Report

SERIAL NO. 10/506620

DATE RECEIVED

Rec'd PCT/PTO 14 SEP 2004

48
~~5~~
~~6~~
~~7~~
~~8~~
~~9~~
~~10~~
 PGS. OF SPECIFICATION
 SHEET(S) OF DRAWINGS
 PRIORITY(IES) CLAIMED
 SMALL ENTITY

CLAIM CALCULATION SHEET

INTERNATIONAL PCT NO:

PCT/EP

DOCKET NO:

A58963USACT

CLAIM	INTERNATIONAL PCT APPLICATION AS FILED		AFTER AMENDMENT IN INTERNATIONAL PHASE		AFTER PRELIMINARY AMENDMENT		AFTER 1ST AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.	IND.	DEP.
1	X							
2		/						
3		2						
4		/						
5		/						
6		/						
7		0						
8		0						
9	X							
10		/						
11		/						
12		/						
13		/						
14	X							
15	/							
16	X							
17		/						
18		/						
19	X							
20		/						
21		2						
22		0						
23		1						
24								
25								
26								

TOTAL IND.

6

TOTAL DEP.

20